AUTODOC CLUB

How to change rear anti roll bar links on **AUDI A6 C7 Avant (4G5, 4GD)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A6 C7 Avant (4G5, 4GD) 2.8 FSI, AUDI A6 C7 Avant (4G5, 4GD) 2.8 FSI quattro, AUDI A6 C7 Avant (4G5, 4GD) 3.0 TFSI quattro, AUDI A6 C7 Avant (4G5, 4GD) 2.0 TDI, AUDI A6 C7 Avant (4G5, 4GD) 3.0 TDI, AUDI A6 C7 Avant (4G5, 4GD) 3.0 TDI quattro, AUDI A6 C7 Avant (4G5, 4GD) S6 quattro, AUDI A6 C7 Avant (4G5, 4GD) 2.0 TFSI, AUDI A6 C7 Avant (4G5, 4GD) RS6 quattro, AUDI A6 C7 Avant (4G5, 4GD) 1.8 TFSI, AUDI A6 C7 Avant (4G5, 4GD) 2.0 TDI quattro, AUDI A6 C7 Avant (4G5, 4GD) 2.0 TFSI quattro, AUDI A6 C7 Avant (4G5, 4GD) RS6 performance quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A4 B8 Saloon (8K2) 2.0 TFSI Flexfuel quattro

REPLACEMENT: ANTI ROLL BAR LINKS – AUDI A6 C7 AVANT (4G5, 4GD). TOOLS YOU NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

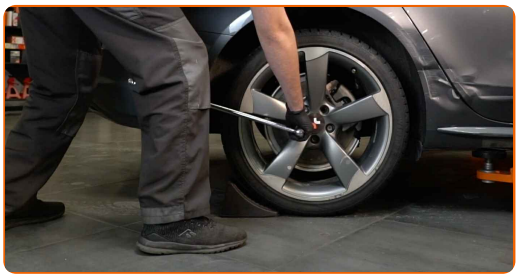
Replacement: anti roll bar links – AUDI A6 C7 Avant (4G5, 4GD). AUTODOC experts recommend:

- Replace the stabiliser links on AUDI A6 C7 Avant (4G5, 4GD) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ANTI ROLL BAR LINKS – AUDI A6 C7 AVANT (4G5, 4GD). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



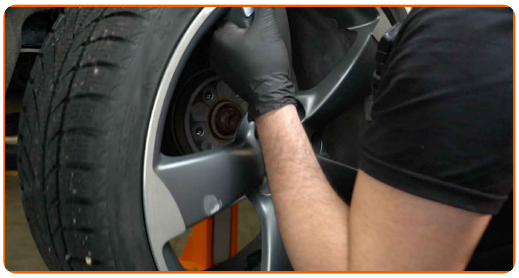
3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. AUDI A6 C7 Avant (4G5, 4GD)

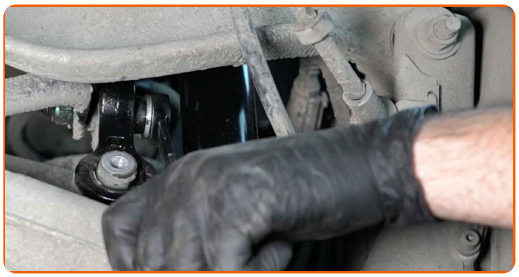
5 Remove the wheel.



6 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

7 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a drive socket #16. Use a ratchet wrench.

8 Unscrew the fasteners connecting the stabiliser link to the stabiliser bar. Use a combination spanner #16 (2 pieces).



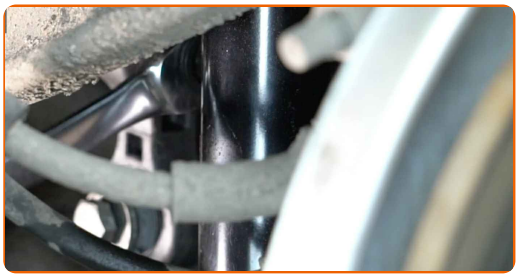
9 Remove the stabilizer rod.

Replacement: anti roll bar links – AUDI A6 C7 Avant (4G5, 4GD). Tip:

- Examine stabiliser bushes. Replace them if needed.

10 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.

11 Install a new rod, tighten the fasteners. Use a combination spanner #16 (2 pieces). Use a drive socket #16. Use a ratchet wrench.



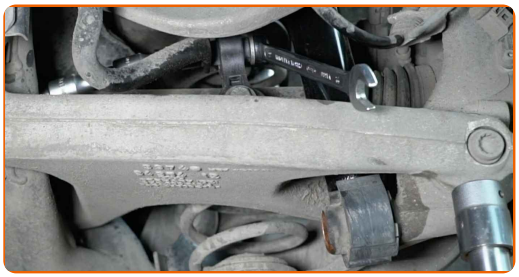
12 Support the arm. Use a hydraulic transmission jack.

13 Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

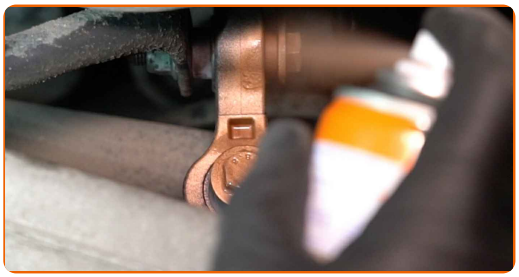
14 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

15 Treat all joints of the stabiliser link. Use copper grease.



16 Remove the support from under the arm.

AUTODOC recommends:

- AUDI A6 C7 Avant (4G5, 4GD) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

17 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

18 Clean the brake disk surface. Use a brake cleaner.

Replacement: anti roll bar links – AUDI A6 C7 Avant (4G5, 4GD). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

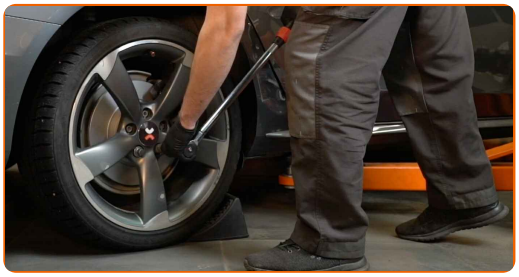
19 Install the wheel.

AUTODOC recommends:

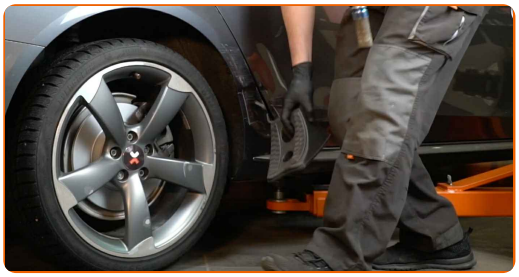
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI A6 C7 Avant (4G5, 4GD)

20 Screw in the wheel bolts. Use wheel impact socket #17.

21 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



22 Remove the jacks and chocks.



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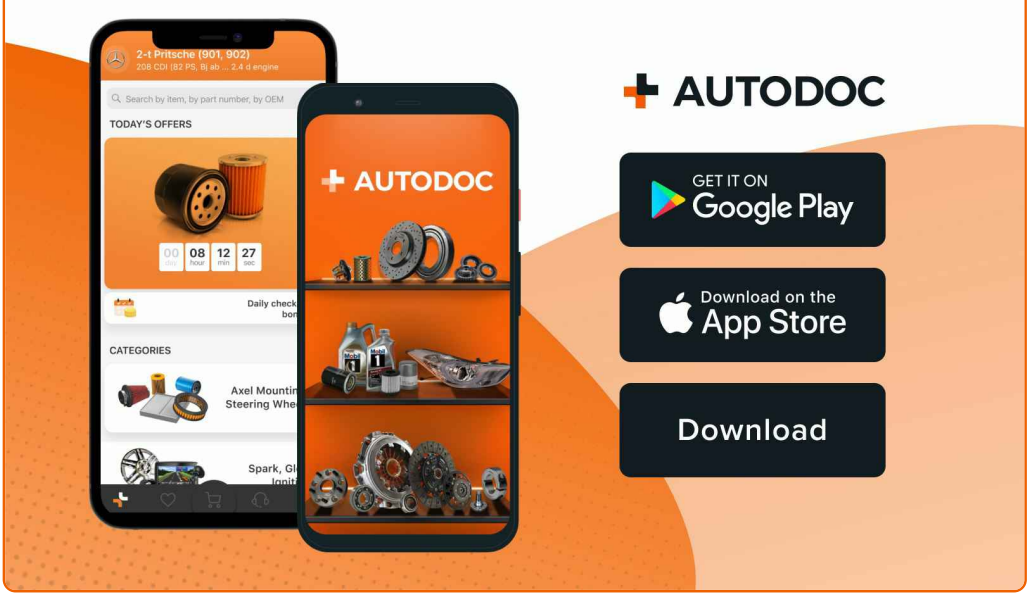

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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